

Behavioral Genetics of The Mouse. Volume 1

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Abstrak

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ABSTRACT

The first volume in the new Cambridge Handbooks in Behavioral Genetics, Behavioral Genetics of the Mouse provides baseline information on normal behaviors, essential in both the design of experiments using genetically-modified or pharmacologically-treated animals, and in the interpretation and analyses of the results obtained. Offering a comprehensive overview of the genetics of naturally-occurring variation in mouse behavior; from perception and spontaneous behaviors, such as exploration, aggression, social interactions and motor behaviors to reinforced behaviors such as the different types of learning. Also included are numerous examples of potential experimental problems, which will aid and guide researchers trying to troubleshoot their own studies. A lasting reference, the thorough and comprehensive reviews offer an easy entrance into the extensive literature in this field, and will prove invaluable to students and specialists alike